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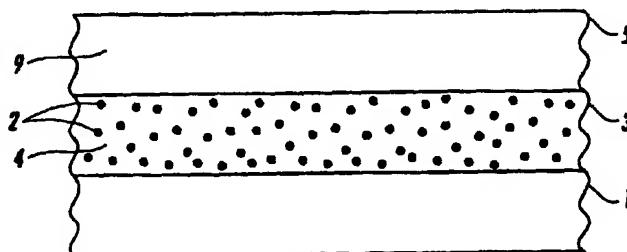
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(54) **Imaging members containing high performance charge transporting polymers**

(57) Disclosed is an imaging member which comprises a conductive substrate, a photogenerating layer, and a charge transport layer comprising a polymer of

the formulae I, II, III, IV, V, VI, VII, VIII, IX, or X as further defined herein.



**FIG. 1**

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# EUROPEAN SEARCH REPORT

Application Number  
EP 98 12 1408

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	GB 1 023 378 A (KODAK) * claim 9 *	1	G03G5/05 G03G5/147 G03G5/07
A	US 4 959 288 A (BENG S. ONG) 25 September 1990 (1990-09-25) * claim 1 *	1	
A	EP 0 710 893 A (FUJI XEROX) 8 May 1996 (1996-05-08) * claim 5 *	1	
D,A	EP 0 295 126 A (XEROX) 14 December 1988 (1988-12-14) * claim 2 *	1	
A	EP 0 452 682 A (XEROX) 23 October 1991 (1991-10-23) * page 31, line 44 - line 52; claim 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G03G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 September 1999	Examiner Vanhecke, H
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 12 1408

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03-09-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 1023378 A		BE 626529 A DE 1251153 B FR 1341931 A US 3234280 A	31-01-1964 08-02-1966
US 4959288 A	25-09-1990	NONE	
EP 710893 A	08-05-1996	JP 8176293 A US 5639581 A US 5734003 A	09-07-1996 17-06-1997 31-03-1998
EP 295126 A	14-12-1988	US 4818650 A DE 3882819 A DE 3882819 T JP 1980714 C JP 7010912 B JP 64001728 A US 4956440 A	04-04-1989 09-09-1993 23-12-1993 17-10-1995 08-02-1995 06-01-1989 11-09-1990
EP 452682 A	23-10-1991	US 5155200 A DE 69127649 D DE 69127649 T JP 4225014 A	13-10-1992 23-10-1997 15-01-1998 14-08-1992

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

